

## WEST Search History

DATE: Friday, July 21, 2006

<b>Hide?</b>	<b><u>Set Name</u></b>	<b><u>Query</u></b>	<b><u>Hit Count</u></b>
	<i>DB=PGPB; PLUR=YES; OP=ADJ</i>		
<input type="checkbox"/>	L13	((hard\$ concrete )and collecting).clm.	2
	<i>DB=EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ</i>		
<input type="checkbox"/>	L12	(hard\$ concrete )and collecting	9
	<i>DB=PGPB,USPT; PLUR=YES; OP=ADJ</i>		
<input type="checkbox"/>	L11	L10 and lining	3
<input type="checkbox"/>	L10	L8 and (container)	18
<input type="checkbox"/>	L9	L8 and (portable container)	0
<input type="checkbox"/>	L8	(hard\$ concrete )and collecting	77
<input type="checkbox"/>	L7	L6 and contaner	0
<input type="checkbox"/>	L6	L5 and ramp	5
<input type="checkbox"/>	L5	(hardening concrete )and collecting	16
<input type="checkbox"/>	L4	L2 with (container)	19
<input type="checkbox"/>	L3	L2 with (portable container)	0
<input type="checkbox"/>	L2	concrete with collecting	364
<input type="checkbox"/>	L1	hardening concrete with collecting	0

END OF SEARCH HISTORY

## Hit List

[First Hit](#) [Clear](#) [Generate Collection](#) [Print](#) [Fwd Refs](#) [Bkwd Refs](#)  
[Generate OACS](#)

**Search Results - Record(s) 1 through 10 of 19 returned.**

☐ 1. Document ID: US 20060005865 A1

L4: Entry 1 of 19

File: PGPB

Jan 12, 2006

PGPUB-DOCUMENT-NUMBER: 20060005865  
PGPUB-FILING-TYPE:  
DOCUMENT-IDENTIFIER: US 20060005865 A1

TITLE: Concrete washout container

PUBLICATION-DATE: January 12, 2006

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Jenkins; Mark	Elk Grove	CA	US

US-CL-CURRENT: 134/104.2; 134/10

ABSTRACT:

A washout container to which are mounted inclined ramps that allow a transit mixer, concrete pumping truck or other concrete handling vehicle to drive up over a portion of the container for dumping excess concrete and washing out waste concrete. The container cross-section may be rectangular to semi-circular, and is preferably fabricated with a steel structure. A watertight latching door assembly is coupled to the container to prevent leakage of collected liquid concrete waste material while allowing solidified concrete materials to be unloaded at a disposal site. The interior of the container is preferably lined with a material to which concrete will not adhere. The liner may be applied as a coating to the interior of the container or as a solid material retained within the container. In this way, solidified waste concrete can be easily removed from the container at the disposal site and preferably crushed for recycling.

Full	Title	Citation	Front	Relevant	Classification	Date	Reference	Sequences	Attachments	Claims	FIG	Draw De
------	-------	----------	-------	----------	----------------	------	-----------	-----------	-------------	--------	-----	---------

☐ 2. Document ID: US 20050229953 A1

L4: Entry 2 of 19

File: PGPB

Oct 20, 2005

PGPUB-DOCUMENT-NUMBER: 20050229953  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20050229953 A1

TITLE: Concrete washout container

PUBLICATION-DATE: October 20, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Jenkins, Mark	Elk Grove	CA	US

US-CL-CURRENT: 134/22.1; 134/104.2, 134/104.4, 134/123, 134/135, 134/22.14, 134/34

ABSTRACT:

A washout container to which are mounted inclined ramps that allow a transit mixer, concrete pumping truck or other concrete handling vehicle to drive up over a portion of the container for dumping excess concrete and washing out waste concrete. The container cross-section may be rectangular to semi-circular, and is preferably fabricated with a steel structure. A watertight latching door assembly is coupled to the container to prevent leakage of collected liquid concrete waste material while allowing solidified concrete materials to be unloaded at a disposal site. The interior of the container is preferably lined with a material to which concrete will not adhere. The liner may be applied as a coating to the interior of the container or as a solid material retained within the container. In this way, solidified waste concrete can be easily removed from the container at the disposal site and preferably crushed for recycling.

Full	Title	Citation	Front	Reprint	Classification	Date	Reference	Sequences	Attachments	Claims	FIG	Draw
------	-------	----------	-------	---------	----------------	------	-----------	-----------	-------------	--------	-----	------

3. Document ID: US 20050219940 A1

L4: Entry 3 of 19

File: PGPB

Oct 6, 2005

PGPUB-DOCUMENT-NUMBER: 20050219940

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050219940 A1

TITLE: Disposal of cement waste from chute

PUBLICATION-DATE: October 6, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Elefsrud, Kevan P.	Hisparia	CA	US

US-CL-CURRENT: 366/14; 366/47

ABSTRACT:

An apparatus and method for collecting and transporting concrete waste comprises a container, a cart for supporting and moving the container and lifting means attached to the frame of a cement truck for lifting the cart and container off the ground for transport. The apparatus may be stored on a cement truck so that the apparatus prevents disposal of cement and concrete waste in an unlawful or unsightly manner and allows the cement and concrete waste to be returned to a

cement and concrete production facility and recycled. The cart includes means for tilting the container about its midsection by means of an elongated lever or handle. The cart also includes means for limiting the forward tilting of the container and for locking the container in an upright position. A wheel locking mechanism for at least one wheel of the cart is provided. The mechanism is manually engaged or disengaged.

Full	Title	Citation	Front	Revised	Classification	Date	Reference	Sequences	Attachments	Claims	FIGS	Draw De
------	-------	----------	-------	---------	----------------	------	-----------	-----------	-------------	--------	------	---------

4. Document ID: US 20040175522 A1

L4: Entry 4 of 19

File: PGPB

Sep 9, 2004

PGPUB-DOCUMENT-NUMBER: 20040175522

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040175522 A1

TITLE: Method for producing medical container and medical container

PUBLICATION-DATE: September 9, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Tajima, Kyouzuke	Tokyo		JP

US-CL-CURRENT: 428/35.7; 156/245, 156/272.8

ABSTRACT:

The present invention provides a method for producing a medical container capable of firmly and surely welding, to a sheet or film mainly composed of a thermoplastic resin not limited to those containing polar groups, a port member mainly composed of a thermoplastic resin that is identical with or different from the sheet or film, and a medical container obtained by the production method. This method comprises a first process for molding the sheet or film into a bag shape and temporarily fixing the port member to a prescribed position of the bag-shaped sheet or film; and a second process for irradiating the temporary fixing part 7 of the bag-shaped sheet or film 1 and the port member 5 with laser beam 35 to weld the sheet or film to the port member.

Full	Title	Citation	Front	Revised	Classification	Date	Reference	Sequences	Attachments	Claims	FIGS	Draw De
------	-------	----------	-------	---------	----------------	------	-----------	-----------	-------------	--------	------	---------

5. Document ID: US 20040155126 A1

L4: Entry 5 of 19

File: PGPB

Aug 12, 2004

PGPUB-DOCUMENT-NUMBER: 20040155126

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040155126 A1

TITLE: Concrete washout container

PUBLICATION-DATE: August 12, 2004

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Jenkins, Mark	Elk Grove	CA	US

US-CL-CURRENT: 241/24.11

## ABSTRACT:

A washout container to which are mounted inclined ramps that allow a transit mixer, concrete pumping truck or other concrete handling vehicle to drive up over a portion of the container for dumping excess concrete and washing out waste concrete. The container cross-section may be rectangular to semi-circular, and is preferably fabricated with a steel structure. A watertight latching door assembly is coupled to the container to prevent leakage of collected liquid concrete waste material while allowing solidified concrete materials to be unloaded at a disposal site. The interior of the container is preferably lined with a material to which concrete will not adhere. The liner may be applied as a coating to the interior of the container or as a solid material retained within the container. In this way, solidified waste concrete can be easily removed from the container at the disposal site and preferably crushed for recycling.

Full	Title	Citation	Front	Revised	Classification	Date	Reference	Sequence	Attachments	Claims	FIG	Draw	De
------	-------	----------	-------	---------	----------------	------	-----------	----------	-------------	--------	-----	------	----

## 6. Document ID: US 20040105741 A1

L4: Entry 6 of 19

File: PGPB

Jun 3, 2004

PGPUB-DOCUMENT-NUMBER: 20040105741

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040105741 A1

TITLE: Wet (plastic) and dry concrete reclamation/disposal device

PUBLICATION-DATE: June 3, 2004

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Inglese, Pat	Smyrna	GA	US

US-CL-CURRENT: 414/404

## ABSTRACT:

A device and method for residual concrete collection for disposal or reclamation of same, wherein a bag is formed, generally prismatic in structure, with a rectangular opening in the top. Suspension straps serve to attach the bag and support it below the outflow of concrete mixing or delivery equipment such that concrete and/or water will flow into the device, wherein water will subsequently pass therethrough. The device and collected concrete can then be moved and/or stored for disposal or reclamation of the concrete.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequence	Attachment	Claims	FIGS	Drawings
------	-------	----------	-------	--------	----------------	------	-----------	----------	------------	--------	------	----------

---

7. Document ID: US 6966687 B1

L4: Entry 7 of 19

File: USPT

Nov 22, 2005

US-PAT-NO: 6966687

DOCUMENT-IDENTIFIER: US 6966687 B1

TITLE: Disposal of cement waste from chute

DATE-ISSUED: November 22, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Elefsrud; Kevan P.	Escondido	CA	92046-0517	

US-CL-CURRENT: 366/26; 366/110, 366/62

ABSTRACT:

An apparatus and method for collecting and transporting concrete waste includes a container, a cart for supporting and moving the container and a mechanism attached to the frame of a cement truck for lifting the cart and container off the ground for transport. The apparatus may be stored on a cement truck so that the apparatus prevents disposal of cement and concrete waste in an unlawful or unsightly manner and allows the cement and concrete waste to be returned to a cement and concrete production facility and recycled. The cart includes a mechanism for tilting the container about its midsection using an elongated lever or handle.

20 Claims, 20 Drawing figures

Exemplary Claim Number: 1

Number of Drawing Sheets: 13

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	FIGS	Drawings
------	-------	----------	-------	--------	----------------	------	-----------	--	--	--------	------	----------

---

8. Document ID: US 6832851 B1

L4: Entry 8 of 19

File: USPT

Dec 21, 2004

US-PAT-NO: 6832851

DOCUMENT-IDENTIFIER: US 6832851 B1

TITLE: Container concrete mixing plant

DATE-ISSUED: December 21, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
von Wilcken; Alexander	Munich			DE

US-CL-CURRENT: 366/26; 366/33, 366/53, 366/606

## ABSTRACT:

The invention relates to a transportable concrete mixing plant (10) which comprises a plurality or releasably interconnected mixing plant components. Said mixing plant components are contained in a plurality of containers (C1, C2, C3, C4, C5, C6, C7, C8, C9, C10, C11, C12, C13), during transport. At least part of said containers (C1, C2, C3, C4, C5, C6, C7, C8, C9, C10, C11, C12, C13), preferably all of said containers, are standard ship containers or can be assembled to standard ship containers. Said standard ship containers meet the international standards for uniform transport. In the operational state of the mixing plant (10), said containers represent the support structure for mixing plant components and/or containers for concrete starting materials.

58 Claims, 22 Drawing figures

Exemplary Claim Number: 1

Number of Drawing Sheets: 17

Full	Title	Citation	Front	Revised	Classification	Date	Reference			Claims	FIGS	Drawings
------	-------	----------	-------	---------	----------------	------	-----------	--	--	--------	------	----------

## 9. Document ID: US 6394080 B1

L4: Entry 9 of 19

File: USPT

May 28, 2002

US-PAT-NO: 6394080

DOCUMENT-IDENTIFIER: US 6394080 B1

TITLE: Road surface cutting system and method for performing same

DATE-ISSUED: May 28, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Zavala; Alfredo	Elgin	IL		

US-CL-CURRENT: 125/13.01; 125/14, 451/450, 451/456

## ABSTRACT:

A road surface cutting system capable of cutting a hole into both cold asphalt and dry concrete surfaces towards the deployment and securement of roadway marking devices. The cutting of the surfaces is without lubrication being applied to the road surface and using air to cool the cutting blades.

13 Claims, 10 Drawing figures

Exemplary Claim Number: 1

Number of Drawing Sheets: 3

Full	Title	Citation	Front	Revised	Classification	Date	Reference			Claims	FIGS	Drawings
------	-------	----------	-------	---------	----------------	------	-----------	--	--	--------	------	----------

## 10. Document ID: US 6347129 B1

L4: Entry 10 of 19

File: USPT

Feb 12, 2002

US-PAT-NO: 6347129

DOCUMENT-IDENTIFIER: US 6347129 B1

TITLE: Container for the collection and spreading of core melt and a nuclear power plant with such a container

DATE-ISSUED: February 12, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kolev; Nikolay	Herzogenaurach			DE

US-CL-CURRENT: 376/280

## ABSTRACT:

The container collects and spreads core melt in a nuclear power plant. The container has a structured bottom, particularly a cartridge-like bottom. The bottom has a material of good thermal conductivity, a plurality of geodetically highest points and a plurality of geodetically lowest points (5) and an outer wall. The outer wall extends with an upward slope between a geodetically lowest point and an adjacent geodetically highest point. A steam conduit which runs through the container interior is provided at each geodetically highest point. The container allows external cooling of core melt. As a result, the formation of radioactive aerosols, the occurrence of a steam explosion and the formation of hydrogen are avoided. In addition, the cooling is made particularly effective by the upward slope of the outer wall since the formation of a spatially fixed steam region, which is associated with a decrease in thermal conductivity, is prevented. The invention furthermore relates to a nuclear power plant with a container for the collection and spreading of core melt.

23 Claims, 5 Drawing figures

Exemplary Claim Number: 1

Number of Drawing Sheets: 3

Full	Title	Citation	Front	Revised	Classification	Date	Reference	Claims	FIGS	Drawn On
------	-------	----------	-------	---------	----------------	------	-----------	--------	------	----------

Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs	Generate OACS
-------	---------------------	-------	----------	-----------	---------------

Term	Documents
CONTAINER	494989
CONTAINERS	244405
(2 WITH CONTAINER).PGPB,USPT.	19
(L2 WITH (CONTAINER)).PGPB,USPT.	19



**Display Format:**  [Change Format](#)

[Previous Page](#)

[Next Page](#)

[Go to Doc#](#)

## Hit List

[First Hit](#) [Clear](#) [Generate Collection](#) [Print](#) [Fwd Refs](#) [Bkwd Refs](#)  
[Generate OACS](#)

**Search Results - Record(s) 11 through 19 of 19 returned.**

**11. Document ID: US 5789459 A**

L4: Entry 11 of 19

File: USPT

Aug 4, 1998

US-PAT-NO: 5789459

DOCUMENT-IDENTIFIER: US 5789459 A

**\*\* See image for Certificate of Correction \*\***

TITLE: Resin composition for hard coating and coated product

DATE-ISSUED: August 4, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Inagaki; Hajime	Iwakuni			JP
Yoshii; Koji	Saeki-Gun			JP

US-CL-CURRENT: 522/16; 522/12, 522/167, 522/39, 522/7

ABSTRACT:

A surface-coated vessel or a surface-coated product having a hard coating layer is obtained, by coating a substrate of, for example, resin product with a resin composition for hard coating which comprises

(a) a poly[(meth)acryloyloxyalkyl] (iso)cyanurate represented by the following general formula (1) or (2): ##STR1## wherein X.sup.1, X.sup.2 and X.sup.3 are each an acryloyl group, methacryloyl group, hydrogen atom or an alkyl group, with a proviso that at least two of them are (meth)acryloyl groups, and R.sup.1, R.sup.2 and R.sup.3 are each an oxyalkylene group or a polyoxyalkylene group;

(b) a poly(meth)acrylated polyoxyalkane polyol;

(c) a photopolymerization initiator consisting of 2-methyl-1-[4-(methylthio)phenyl]-2-morpholino-1-propanone;

(d) a photopolymerization initiator based on thioxanthone;

(e) a UV-absorber based on monohydroxybenzophenone;

(f) an organic solvent.

Such surface-coated products and vessels have a hard coat which is more excellent than that of the prior art especially in the curing characteristics, such as the rate of curing etc., as well as in the coating properties, such as surface hardness, fastness to scratch and abrasion, flexibility, surface gloss, heat resistance, fastness to solvents and to alkali, weather resistance and tight

adhesion onto substrates, so that they can constitute reclaimable coated products in a form of, for example, returnable bottles.

2 Claims, 0 Drawing figures

Exemplary Claim Number: 1

Full	Title	Invention	Front	Back	Classification	Date	Reference	Claims	Info	Draw
------	-------	-----------	-------	------	----------------	------	-----------	--------	------	------

12. Document ID: US 5693390 A

L4: Entry 12 of 19

File: USPT

Dec 2, 1997

US-PAT-NO: 5693390

DOCUMENT-IDENTIFIER: US 5693390 A

TITLE: Surface-coated vessel and process for producing same

DATE-ISSUED: December 2, 1997

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Inagaki; Hajime	Iwakuni			JP
Yoshii; Koji	Hiroshima			JP

US-CL-CURRENT: 428/35.7; 427/517, 427/519, 522/16

ABSTRACT:

A surface-coated vessel or a surface-coated product having a hard coating layer is obtained, by coating a substrate of, for example, resin product with a resin composition for hard coating which comprises

(a) a poly[(meth)acryloyloxyalkyl](iso)cyanurate represented by the following general formula (1) or (2): ##STR1## wherein X.sup.1, X.sup.2 and X.sup.3 are each an acryloyl group, methacryloyl group, hydrogen atom or an alkyl group, with a proviso that at least two of them are (meth)acryloyl groups, and R.sup.1, R.sup.2 and R.sup.3 are each an oxyalkylene group or a polyoxyalkylene group;

(b) a poly(meth)acrylated polyoxyalkane polyol;

(c) a photopolymerization initiator consisting of 2-methyl-1-[4-(methylthio)phenyl]-2-morpholino-1-propanone;

(d) a photopolymerization initiator based on thioxanthone;

(e) a UV-absorber based on monohydroxybenzophenone;

(f) an organic solvent.

Such surface-coated products and vessels have a hard coat which is more excellent than that of the prior art especially in the curing characteristics, such as the rate of curing etc., as well as in the coating properties, such as surface hardness, fastness to scratch and abrasion, flexibility, surface gloss, heat resistance, fastness to solvents and to alkali, weather resistance and tight

adhesion onto substrates, so that they can constitute reclaimable coated products in a form of, for example, returnable bottles.

12 Claims, 0 Drawing figures

Exemplary Claim Number: 1

Full	Title	Citation	Front	Revent	Classification	Date	Reference			Claims	FIGS	Drawing
------	-------	----------	-------	--------	----------------	------	-----------	--	--	--------	------	---------

13. Document ID: US 5217622 A

L4: Entry 13 of 19

File: USPT

Jun 8, 1993

US-PAT-NO: 5217622

DOCUMENT-IDENTIFIER: US 5217622 A

TITLE: Process and apparatus for treatment of cemetary liquids, gases and vapors from stanch interment units

DATE-ISSUED: June 8, 1993

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Flores; Jose E.	Porto Alegre - 90.000			BR

US-CL-CURRENT: 210/747; 210/170, 210/188, 210/513, 210/800, 27/1, 422/169, 422/170, 422/173, 422/186.1, 422/28, 422/4, 52/130, 52/132, 52/134, 55/315, 55/355, 95/90, 96/227, 96/416

ABSTRACT:

An apparatus for the treatment of liquids, gases and vapors originating from water impervious interment units comprises a plurality of vertical passages in the vertical walls between units. The upper ends of the vertical passages are connected to an exhaust system and the lower ends of the vertical passages are connected to a drain passage for liquids. Gases drawn through the exhaust system are subjected to sterilization processes including burning and filtering such that any gases discharged into the atmosphere are free of pathogens and odors. A process is also disclosed for the treatment of gases and vapors from the units.

11 Claims, 10 Drawing figures

Exemplary Claim Number: 11

Number of Drawing Sheets: 5

Full	Title	Citation	Front	Revent	Classification	Date	Reference			Claims	FIGS	Drawing
------	-------	----------	-------	--------	----------------	------	-----------	--	--	--------	------	---------

14. Document ID: US 5026432 A

L4: Entry 14 of 19

File: USPT

Jun 25, 1991

US-PAT-NO: 5026432

DOCUMENT-IDENTIFIER: US 5026432 A

**\*\* See image for Certificate of Correction \*\***

TITLE: Method and apparatus for removing and disposing of contaminated concrete

DATE-ISSUED: June 25, 1991

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Johnson; Dennis W.	Barberton	OH		

US-CL-CURRENT: 134/21; 134/26, 134/38, 134/40, 134/42

ABSTRACT:

The present invention is directed to a method and apparatus for removing contaminated masonry such as contaminated concrete in large volumes and continuously collecting the contaminated material in a series of containers. More specifically, the present invention is directed to a system for removing contaminated concrete contaminated with a hazardous material such as PCBs and collecting and treating the contaminated concrete so as to safely dispose of the contamination material.

17 Claims, 7 Drawing figures

Exemplary Claim Number: 1

Number of Drawing Sheets: 4

Full	Title	Citation	Front	Revised	Classification	Date	Reference			Claims	Figures	Drawing Sheets
------	-------	----------	-------	---------	----------------	------	-----------	--	--	--------	---------	----------------

15. Document ID: US 4955972 A

L4: Entry 15 of 19

File: USPT

Sep 11, 1990

US-PAT-NO: 4955972

DOCUMENT-IDENTIFIER: US 4955972 A

TITLE: Catch basin for bridge deck demolition

DATE-ISSUED: September 11, 1990

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
LaBounty; Roy E.	Two Harbors	MN	55616	

US-CL-CURRENT: 294/68.26; 294/67.2

ABSTRACT:

A tray-like receptacle or container for catching falling debris from bridge deck demolitions is disclosed. The receptacle extends under a bridge deck and a support arm affixed to an end of the receptacle is disposed above the bridge deck. A crane suspends the receptacle with a cable attached to the support arm and another cable affixed to the receptacle is drawn in to tilt the receptacle so that crushed, collected concrete slides off an open end of the receptacle and into a dump truck.

The support arm of the receptacle is disconnectable for storage and transportation purposes.

1 Claims, 4 Drawing figures  
Exemplary Claim Number: 1  
Number of Drawing Sheets: 2

Full	Title	Citation	Front	Revised	Classification	Date	Reference			Claims	FIGS	Drawing
------	-------	----------	-------	---------	----------------	------	-----------	--	--	--------	------	---------

16. Document ID: US 4435081 A

L4: Entry 16 of 19

File: USPT

Mar 6, 1984

US-PAT-NO: 4435081  
DOCUMENT-IDENTIFIER: US 4435081 A

TITLE: Concrete mixing plants with elevator wheel

DATE-ISSUED: March 6, 1984

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Del Fabbro; Dino	Basaldella di Campoformido			IT

US-CL-CURRENT: 366/18; 366/141, 366/153.3, 366/156.1, 366/180.1, 366/181.1, 366/33, 366/38

ABSTRACT:

The invention relates to concrete mixing plant suitable for weighing and mixing at least two aggregate materials and cement inside a concrete mixer comprising a container to collect aggregate, weighing and/or dosing scale, a worm-screw to deliver cement, a concrete mixer or mixing machine means whereby the whole is borne by a plurality of legs and/or supports possibly to sustain a silo holding cement, and an elevator wheel suitable for receiving and premixing the aggregates, the wheel being located between the container collecting aggregate and the concrete mixer suitable for receiving the aggregates and cement.

6 Claims, 3 Drawing figures  
Exemplary Claim Number: 1  
Number of Drawing Sheets: 3

Full	Title	Citation	Front	Revised	Classification	Date	Reference			Claims	FIGS	Drawing
------	-------	----------	-------	---------	----------------	------	-----------	--	--	--------	------	---------

17. Document ID: US 4192146 A

L4: Entry 17 of 19

File: USPT

Mar 11, 1980

US-PAT-NO: 4192146  
DOCUMENT-IDENTIFIER: US 4192146 A

TITLE: Process for the recovery of energy and in particular for the recovery of heat on the heat pump principle

DATE-ISSUED: March 11, 1980

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Crede; Helfried	D-8021 Icking			DE

US-CL-CURRENT: 62/59; 126/400, 165/104.11, 165/104.17, 62/238.6

ABSTRACT:

A body of still water is confined in heat exchange with one or more ambient heat sources whose temperature is usually above but may drop near 0.degree. C. Heat is withdrawn from the body according to the heat-pump principle. If the temperature of the heat sources drops near zero the withdrawal of heat from the body results in the formation of ice in the body and the latent heat of fusion liberated during the ice formation is also withdrawn, so that the time periods during which the temperature of the ambient sources is near 0.degree. C. can be bridged. When the temperature of the ambient sources rises again their heat is used to re-melt the ice in the body of water.

11 Claims, 1 Drawing figures

Exemplary Claim Number: 1

Number of Drawing Sheets: 1

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	Form	Draw	Dis
------	-------	----------	-------	--------	----------------	------	-----------	--	--	--------	------	------	-----

18. Document ID: US 3948005 A

L4: Entry 18 of 19

File: USPT

Apr 6, 1976

US-PAT-NO: 3948005

DOCUMENT-IDENTIFIER: US 3948005 A

TITLE: Ceiling grinding apparatus

DATE-ISSUED: April 6, 1976

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Whitsett; Jack W.	Coral Gables	FL	33134	

US-CL-CURRENT: 451/354

ABSTRACT:

A ceiling grinding apparatus for use in surfacing concrete ceilings comprising a portable support assembly having independently suspended wheels; a central member vertically movable along the support assembly; a boom pivotally mounted on the central member; a grinding assembly coupled to one end of the boom including blade means rotatably supported in a housing; and a biasing mechanism for forcing the

blade means against the ceiling during the grinding operation. An exhaust system is connected to the housing for removing the dust and concrete chips therefrom and transferring this material to a collection bag. A hydraulic motor is used to rotate the blade means and is driven by a hydraulic pump coupled to an electrical motor, with the hydraulic fluid being stored in the central member.

8 Claims, 8 Drawing figures  
Exemplary Claim Number: 1  
Number of Drawing Sheets: 3

Full	Title	Citation	Front	Revised	Classification	Date	Reference			Claims	FIGS	Drawing
------	-------	----------	-------	---------	----------------	------	-----------	--	--	--------	------	---------

19. Document ID: US 3933641 A

L4: Entry 19 of 19

File: USPT

Jan 20, 1976

US-PAT-NO: 3933641  
DOCUMENT-IDENTIFIER: US 3933641 A

TITLE: Sewage treatment and recycling system

DATE-ISSUED: January 20, 1976

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hadden; Lyall C.	Honeybrook	PA		
Benjamin; Charles T.	Honeybrook	PA		

US-CL-CURRENT: 210/205; 210/247, 210/258, 210/260

ABSTRACT:

A sewage treatment and recycling system is disclosed wherein effluent is initially treated in a septic tank and then flows over a perforated splash pan to be distributed evenly over a removable filter. The filtered effluent then passes through a second filter and into a holding tank from where it is pumped to a water tank and chlorinated before being sprayed over the land surface or used for other purposes.

6 Claims, 5 Drawing figures  
Exemplary Claim Number: 1  
Number of Drawing Sheets: 3

Full	Title	Citation	Front	Revised	Classification	Date	Reference			Claims	FIGS	Drawing
------	-------	----------	-------	---------	----------------	------	-----------	--	--	--------	------	---------

Clear

Generate Collection

Print

Fwd Refs

Bkwd Refs

Generate OACS

Term	Documents
CONTAINER	494989



CONTAINERS	244405
(2 WITH CONTAINER) .PGPB,USPT.	19
(L2 WITH (CONTAINER)) .PGPB,USPT.	19

---

**Display Format:**  **Change Format**

[Previous Page](#)

[Next Page](#)

[Go to Doc#](#)

## WEST Search History

DATE: Friday, July 21, 2006

<b>Hide?</b>	<b>Set Name</b>	<b>Query</b>	<b>Hit Count</b>
	<i>DB=PGPB,USPT; PLUR=YES; OP=ADJ</i>		
<input type="checkbox"/>	L11	L10 and lining	3
<input type="checkbox"/>	L10	L8 and (container)	18
<input type="checkbox"/>	L9	L8 and (portable container)	0
<input type="checkbox"/>	L8	(hard\$ concrete )and collecting	77
<input type="checkbox"/>	L7	L6 and contaner	0
<input type="checkbox"/>	L6	L5 and ramp	5
<input type="checkbox"/>	L5	(hardening concrete )and collecting	16
<input type="checkbox"/>	L4	L2 with (container)	19
<input type="checkbox"/>	L3	L2 with (portable container)	0
<input type="checkbox"/>	L2	concrete with collecting	364
<input type="checkbox"/>	L1	hardening concrete with collecting	0

END OF SEARCH HISTORY

## Hit List

---

<a href="#">First Hit</a>	<a href="#">Clear</a>	<a href="#">Generate Collection</a>	<a href="#">Print</a>	<a href="#">Fwd Refs</a>	<a href="#">Bkwd Refs</a>
<a href="#">Generate OACS</a>					

---

### Search Results - Record(s) 1 through 2 of 2 returned.

---

☐ 1. Document ID: US 20050229953 A1

L13: Entry 1 of 2

File: PGPB

Oct 20, 2005

PGPUB-DOCUMENT-NUMBER: 20050229953  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20050229953 A1

TITLE: Concrete washout container

PUBLICATION-DATE: October 20, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Jenkins, Mark	Elk Grove	CA	US

US-CL-CURRENT: [134/22.1](#); [134/104.2](#), [134/104.4](#), [134/123](#), [134/135](#), [134/22.14](#), [134/34](#)

ABSTRACT:

A washout container to which are mounted inclined ramps that allow a transit mixer, concrete pumping truck or other concrete handling vehicle to drive up over a portion of the container for dumping excess concrete and washing out waste concrete. The container cross-section may be rectangular to semi-circular, and is preferably fabricated with a steel structure. A watertight latching door assembly is coupled to the container to prevent leakage of collected liquid concrete waste material while allowing solidified concrete materials to be unloaded at a disposal site. The interior of the container is preferably lined with a material to which concrete will not adhere. The liner may be applied as a coating to the interior of the container or as a solid material retained within the container. In this way, solidified waste concrete can be easily removed from the container at the disposal site and preferably crushed for recycling.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	FIGS	Drawings
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	------	----------

---

☐ 2. Document ID: US 20040155126 A1

L13: Entry 2 of 2

File: PGPB

Aug 12, 2004

PGPUB-DOCUMENT-NUMBER: 20040155126  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20040155126 A1

TITLE: Concrete washout container

PUBLICATION-DATE: August 12, 2004

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Jenkins, Mark	Elk Grove	CA	US

US-CL-CURRENT: 241/24.11

## ABSTRACT:

A washout container to which are mounted inclined ramps that allow a transit mixer, concrete pumping truck or other concrete handling vehicle to drive up over a portion of the container for dumping excess concrete and washing out waste concrete. The container cross-section may be rectangular to semi-circular, and is preferably fabricated with a steel structure. A watertight latching door assembly is coupled to the container to prevent leakage of collected liquid concrete waste material while allowing solidified concrete materials to be unloaded at a disposal site. The interior of the container is preferably lined with a material to which concrete will not adhere. The liner may be applied as a coating to the interior of the container or as a solid material retained within the container. In this way, solidified waste concrete can be easily removed from the container at the disposal site and preferably crushed for recycling.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	FIGS	Drawings
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	------	----------

Clear

Generate Collection

Print

Fwd Refs

Bkwd Refs

Generate OACS

Term	Documents
CONCRETE	38475
CONCRETES	512
COLLECTING	76193
COLLECTINGS	5
HARD\$	0
HARD	243609
HARDA	3
HARDABLE	1
HARDACKER	13
HARDACKER-INGO	1
HARDACKER-ROBERT	6
(( (HARD\$ CONCRETE ) AND COLLECTING).CLM.).PGPB.	2

There are more results than shown above. [Click here to view the entire set.](#)

**Display Format:**  **Change Format**

[Previous Page](#)

[Next Page](#)

[Go to Doc#](#)